



## Flash-Butt Fusion



- Flash-Butt Fusion (FBF) applied in 55,000 km of pipeline worldwide
  - technology in use for 30+ years
- FBF advantages:
  - bonds any metal to any other metal
  - uses electric contact rather than welding rod or flux
  - faster welding rates
  - strong, high-quality welds
  - higher labor productivity
- Project goal: enhance components in FBF apparatus to expand use in western industries

- Oil, gas, chemical pipelines & storage tanks are primary market for upgraded FBF
  - FBF will significantly reduce construction/maintenance costs and schedules
  - estimated 40% savings in labor/materials



MAVERIX

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